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MELLOT, C. F., DAVIDSON, A. M., ECKERT, J., and CHEETHAM, A. K., Adsorption of Chloroform in Nay Zeolite: A Computational and Vibrational Spectroscopy Study, <i>Journal of Physical Chemistry B</i> , 102, 14, 2530-2535 (1998)		1998	Journal Article	FDS	13	Materials
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PROKES, K., NAKOTTE, H., HAVELA, L., SECHOVSKY, V., PEREIRA, L. C. J., RIJKBOER, C., SERET, A., SPIRLET, J. C., SVOBODA, P., and DE BOER, F. R., Magnetic Anisotropy in U ₂ Pd ₂ In, <i>Physica B</i> 224, 225 (1995)	1995	Journal Article	HIPD	3	Physics
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PROKES, K., SECHOVSKY, V., ROBINSON, R. A., SONNTAG, R., SVOBODA, P., and DE BOER, F. R., Commensurate and Incommensurate Magentic Order of UPDSI, <i>Physica B</i> 241-243, 687-689 (1998)	1998	Proceedings	Other Facility	0	Physics
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PURWANTO, A., SECHOVSKY, V., HAVELA, L., ROBINSON, R. A., NAKOTTE, H., LARSON, A. C., PROKES, K., BRUCK E., and DEBOER, F. R., Low-Temperature Magnetic Structure of UniGe (Uranium, Nickel, Germanium), <i>Physical Review B</i> 53, 2, 758-765 (1996)	1996	Journal Article	SCD	7	Physics
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RANGASWAMY, P., BOURKE, M. A. M., WRIGHT, P. K., JAYARAMAN, N., KARTZMARK, E., and ROBERTS, J. A., The Influence of Thermomechanical Processing on Residual Stresses in Titanium Matrix Composites, <i>Material Science & Engineering</i> A224, 200-209 (1997)	1997	Journal Article	NPD	7	Materials
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RANGASWAMY, P., PRIME, M. B., DAYMOND, M. R., BOURKE, M. A. M., CLAUSEN, B., CHOO, H., and JAYARAMAN, N., Comparison of Residual Strains Measured by X-ray and Neutron Diffraction in a Titanium Matrix Composite, <i>Material Science and Engineering A</i> 259 (2), 209-219 (1999)	1999	Journal Article	NPD, X-Ray	2	Materials
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ROBERTS, J. A., Close-Up: Manuel Lujan Jr. Neutron Scattering Center, <i>MRS Bulletin</i> 22, 42-46 (1997)	1997	Journal Article	All	1	Materials
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ROBERTSON, J. L., FRASE, H. N., BOGDANOFF, P., MANLEY, M. E., FULTZ, B. T., and MCQUEENEY, R. J., Phonon Densities of States of Gamma-Cerium and Delta-Cerium Measured by Inelastic Neutron Scattering, <i>Philos. Mag. Lett.</i> , 79, 5, 297-304 (1999)	1999	Journal Article	Other Facility	1	Physics
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ROBINSON, R. A., Analytical Techniques for Instrument Design - Matrix Methods, <i>In Proceedings of the Workshop on Methods for Neutron Scattering Instrument Design</i> , Lawrence Berkeley Report (LBNL-40816, CONF-9609353, 1996) 45-54	1996	Proceedings	N/A	0	Instrument Design
ROBINSON, R. A., ARGYROU, D. N., and NAKOTTE, H., Correlated-Electron Physics at LANSCE, <i>Neutron News</i> 10, 4, 15-19 (1999)	1999	Misc Publication	PHAROS, SCD, HIPD, NPD	0	Physics
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ROBINSON, R. A., CHRISTIANSON, A. D., and BEYERMANN, W. P., Low-Energy Excitations, Symmetry Breaking, and Specific Heats in YbBiPt, <i>Physica B</i> 259-261, 138-139 (1999)	1999	Proceedings	NPD	0	Physics
ROBINSON, R. A., Design and Placement Considerations for Propeller-Type T-Zero Choppers, <i>In Proceedings of the 14th Meeting of International Collaboration on Advanced Neutron Sources, DE99002065, CONF-980680</i> (1998)	1998	Proceedings	N/A	0	Instrument Design
ROBINSON, R. A., EYSSA, Y. M., SCHNEIDER-MUNTAU, H. J., and BOENIG, H. J., Proposal for a 30-T Pulsed Magnet Suitable for Neutron Scattering Experiments, <i>In Proceedings of the 13th Meeting of the International Collaboration on Advanced Neutron Sources</i> 1, 300-306 (1995)	1995	Proceedings	N/A	0	Instrument Design
ROBINSON, R. A., EYSSA, Y. M., SCHNEIDER-MUNTAU, H. J., BOENIG, H. J., FISK, Z., GORKOV, L., MELTZER, D., and SCHRIEFFER, R., A 30-T Pulsed Magnet Suitable for Neutron Scattering Experiments, <i>In Proceedings of the Physical Phenomena at High Magnetic Fields</i> (World Scientific 1996) 2, 735-738	1996	Proceedings	N/A	0	Instrument Design
ROBINSON, R. A., KOHGI, M., OSAKABE, T., TROUW, F., LYNN, J. W., CANFIELD, P. C., THOMPSON, J. D., FISK, Z., and BEYERMANN, W. P., Low-Energy Excitations and the Electronic Specific Heat of YbBiPt, <i>Physical Review Letters</i> 75, 1194-1197 (1995)	1995	Journal Article	PHAROS	9	Physics
ROBINSON, R. A., LAWSON, A. C., LARSON, A. C., VON DREELE, R. B., and GOLDSTONE, J. A., Rietveld Refinement of Magnetic Structures from Pulsed-Neutron-Source Powder Diffraction Data, <i>Physica B</i> 213-214, 985-989 (1995)	1995	Proceedings	HIPD, NPD	2	Physics
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ROBINSON, R. A., NAKOTTE, H., KERN, S., LANDER, G. H., CORT, B., WATSON, P. A., and VIGIL, F. A., Crystal-Field Transition in PuO ₂ , <i>Physical Review B</i> 59, 1, 104-106 (1999)	1999	Journal Article	PHAROS	0	Physics
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ROBINSON, R. A., SANS and the Sax, <i>Neutron News</i> 7, 3, 39 (1996)		1996	Misc Publication	N/A	0	Physics
RODRIGUEZ, V., SABO-ETIENNE, S., CHAUDRET, B., THOBURN, J., ULRICH, S., LIMBACH, H., ECKERT, J., BARTHELAT, J. C., HUSSEIN, K., and MARSDEN, C. J., Fluxionality and Isomerism of the bis(Dihydrogen)Complex RuH ₂ (H ₂) ₂ (PCy ₃) ₂ ; INS, NMR and Theoretical Studies, Inorg. Chem. 37, 3475-3485 (1998)		1998	Journal Article	Other Facility	14	Chemistry
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ROSENKRANZ, S., OSBORN, R., MITCHELL, J. F., VASILIU-DOLOC, L., LYNN, J. W., SINHA, S. K., and ARGYROU, D. N., Magnetic Correlations in the Bilayer Manganite La(Sub 1.2)Sr(Sub 1.8)Mn(Sub 2)O(Sub 7), Journal of Applied Physics 83, 11, 7348-7350 (1998)		1998	Journal Article	Other Facility	11	Physics
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SHI, N., BOURKE, M. A. M., ROBERTS, J. A., and ALLISON, J. E., Influence of Thermal Residual Stresses on the Elastic Phase-Strain Development in Metal Matrix Composites, <i>Modeling of Composites: Processing and Properties</i> , 47-56 (1996)		1996	Book Chapter	NPD	1	Materials
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SHI, X. B., LI, D., LUTT, M., FITZSIMMONS, M. R., and VAN PATTEN, G. P., Self-Assembled Multilayers and Photoluminescence Properties of a New Water-Soluble Poly (p-phenylene), <i>Mater. Res. Soc. Symp. Proc.</i> 488, 133-138 (1998)		1998	Proceedings	X-ray	0	Materials

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SICKAFUS, K. E., LARSON, A. C., YU, N., NASTASI, N. Y. M., HOLLENBERG, G. W., GARNER, F. A., and BRADT, R. C., Cation Disorder in High Dose, Neutron-Irradiated Spinel, <i>Journal of Nuclear Material</i> 219, 138 (1995)	1995	Journal Article	SCD	31	Materials
SMITH, G. S. and MAJEWSKI, J. P., X-Ray and Neutron Scattering Studies of Lipid Monolayers and Single Bilayers, Book Chapter -- Lipid Mono and Bilayers, Published by Springer (1999)	1999	Book Chapter	SPEAR	0	Materials
SMITH, G. S. and MAJKRZAK, C. F., Neutron Reflectometry, International Tables for Crystallography, Volume C: Mathematical, Physical and Chemical Tables, 2nd Edition, Eds. E. Prince and A.J.C. Wilson, Chapter 2.9 (1999)	1999	Book Chapter	SPEAR	0	Materials
SMITH, G. S., MAJEWSKI, J. P., KENT, M. S., MCNAMARA, W. F., FEIN, D. F., SATIJA, S. K., WONG, J. Y., PARK, C. K., SEITZ, M., and ISRAELACHVILI, J. N., Complex Fluids at Interfaces, <i>Neutron News</i> 10 (4), 20-23 (1999)	1999	Misc Publication	SPEAR	0	Materials
SOMMER, W. F., WECHSLER, M. S., and MALOY, S. A., Qualification Tests of Materials for Spallation Neutron Sources, In Proceedings of the Second International Conference on Accelerator-Driven Transmutation Technologies and Applications 2, 983 (1997)	1997	Proceedings	Area A	0	Materials
SONG, S. G., SHI, N., GRAY, G. T., and GOLDSTONE, J. A., Reinforcement Shape Effect on the Fracture Behavior and Ductility of the Particle-Reinforced 6061-Al Matrix Composites, <i>Acta Metallurgica et Materialia</i> 27A, 3739-3746 (1996)	1996	Journal Article	NPD	8	Materials
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STONE, D. B., HJELM, R. P., and MENDELSON, R. A., Solution Structures of Dimeric Kinesin and NCD Motors, <i>Biochemistry</i> 38, 4938-4947 (1999)	1999	Proceedings	LQD	3	Chemistry
STRIDE, J. A., ECKERT, J., and JAYASOORIYA, U. A., Dynamics of Ligated Water Molecules in Oxo-Centred Trinuclear Carboxylates: An Incoherent Inelastic Neutron Scattering Study, <i>Angewandte Chemie - International Edition</i> 38, 1-2, 116-121 (1999)	1999	Journal Article	FDS	0	Chemistry
STRIDE, J. A., JAYASOORIYA, U. A., and ECKERT, J., Dynamics of Ligated Water Molecules in Oxo-Centred Trinuclear Carboxylates: An Incoherent Inelastic Neutron Scattering Study, <i>Angewandte Chemie - International Edition</i> 38, 1-2, 116-121 (1999)	1999	Journal Article	FDS		Chemistry
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STROUSE, G. F., CUMBERLAND, S., BORDALLO, H. N., and ARGYROU, D. N., Local Lattice Dynamics in CMR Manganites: Probing Local Jahn-Teller Effects, <i>Bulletin of the American Physical Society</i> 43, 1, 163 (1998)	1998	Published Talk Abstract	SCD	1	Physics
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SWOPE, R. J., SMYTH, J. R., and LARSON, A. C., H in Rutile-Type Compounds: I. Single-Crystal Neutron and X-Ray Diffraction Study of H in Rutile, <i>American Mineralogist</i> 80, 448-453 (1995)	1995	Journal Article	SCD	5	Materials
TAM, C. N., BOUR, P., ECKERT, J., and TROUW, F., Inelastic Neutron Scattering Study of Hydrogen-Bonded Solid Formamide at 15 K, <i>J. of Phy. Chem. A</i> , 101, 33, 5877-5884 (1997)	1997	Journal Article	Other Facility	0	Chemistry
TAM, C. N., BOUR, P., TROUW, F. R., and ECKERT, J., Inelastic Neutron Scattering Study of Hydrogen-Bonded Solid Formamide at 15K, <i>Journal of Physical Chemistry</i> 101, 33, 5877-5883 (1997)	1997	Journal Article	Other Facility	4	Chemistry
THELLIEZ, T., DAEMEN, L. L., SEEGER, P. A., and HJELM, R. P., A User-Friendly, Graphical Interface for the Monte Carlo Neutron Optics Code MCLIB, <i>In Proceedings of the Thirteenth Meeting of the International Collaboration on Advanced Neutron Sources</i> 1, 307-311 (1995)	1995	Proceedings	N/A	0	Instrument Design
THIYAGARAJAN, P., CHAIKO, D. J., and HJELM, R. P., A Neutron Scattering Study of Poly(ethylene glycol) in Electrolyte Solutions Under Static and Shearing Conditions, <i>Macromolecules</i> 28, 7730-7736 (1995)	1995	Journal Article	LQD	14	Materials
THIYAGARAJAN, P., CHAIKO, D. J., and HJELM, R. P., A Neutron Scattering Study of Poly(ethylene glycol) in Electrolyte Solutions, <i>Macromolecules</i> 28, 7730-7736 (1995)	1995	Journal Article	LQD	14	Chemistry
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TOPOR, L., NAVROTSKY, A., ZHAO, Y., and WEIDNER, D. J., Thermochemistry of Fluoride Perovskites: Heat Capacity, Enthalpy of Formation, and Phase Transition of NaMgF ₃ , <i>Journal of Solid State Chemistry</i> 132, 131-138 (1997)	1997	Journal Article	Other Facility	4	Chemistry
TOPRAKCIOLLU, C., ANASTASIADIS, S. H., SMITH, G. S., GALLOT, Y., and HADZIOANNOU, G., Brushes and Mushrooms in Diblock Copolymer/Homopolymer Mixtures, <i>Bull. Amer. Phys. Soc.</i> 45 (2000)	2000	Published Talk Abstract	SPEAR	0	Materials
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USTUNDAG, E., CLAUSEN, B., HANAN, J. C., BOURKE, M. A. M., WINHOLTZ, R. A., and PEKER, A., Residual Stresses in Bulk Metallic Glasses Due to Differential Cooling or Thermal Tempering, <i>Mater. Res. Soc. 431-6</i> (1999)	1999	Proceedings	NPD	0	Materials
USTUNDAG, E., HANAN, J. C., CLAUSEN, B., BOURKE, M. A. M., SASS, S. L., and BARBIERI, T. J., Investigation of the Reduction of NiAl204-I: Neutron Diffraction Studies, <i>Ceram. Eng. and Science Proc.</i> 19 (3), 549 (1998)	1998	Proceedings	NPD	0	Materials

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USTUNDAG, E., ZHANG, Z., STOCKER, M. L., RANGASWAMY, P., BOURKE, M. A. M., SUBRAMANIAN, S., SICKAFUS, K. E., ROBERTS, J. A., and SASS, S. L., Influence of Residual Stress on the Evolution of Microstructure During the Partial Reduction of NiAl ₂ O ₄ , <i>Material Science & Engineering A</i> 238, 50-65 (1997)	1997	Journal Article	X-Ray & NPD	2	Materials
VAIDYA, R. U., RANGASWAMY, P., BOURKE, M. A. M., and BUTT, D. P., Measurement of Bulk Residual Stresses in Molybdenum Disilicide Stainless Steel Joints using Neutron Scattering , <i>Acta Metallurgica Mater</i> 46, 6, 2047-2061 (1998)	1998	Journal Article	NPD	1	Materials
VAIDYA, R. U., RANGASWAMY, P., CASTRO, R. G., PETROVIC, J. J., and BUTT, D. P., Use of Metallic Glasses in Molybdenum Disilicide-stainless Steel Joining, <i>Journal of Materials Engineering and Performance</i> 9 (3), 280-285 (2000)	2000	Journal Article	X-ray	0	Materials
VAIDYANATHAN, R., BOURKE, M. A. M., and DUNAND, D. C., Analysis of Neutron Diffraction Spectra Obtained During Stress Induced Phase Transformations in Superelastic NiTi, <i>Journal of Applied Physics</i> 86, 3020-29 (1999)	1999	Journal Article	NPD	2	Materials
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VAIDYANATHAN, R., BOURKE, M. A. M., and DUNAND, D. C., Stress-Induced Martensitic Transformations in NiTi and NiTi-TiC Composites Investigated by Neutron Diffraction, <i>Materials Science & Engineering A</i> 275, 404-409 (1999)	1999	Journal Article	NPD	1	Materials
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VON DREELE, R. B., Combined Rietveld and Stereochemical Restraint Refinement of a Protein Crystal Structure , <i>J. of Applied Crystallography</i> , 32, 1084-1089 (1999)	1999	Journal Article	Other Facility	2	Materials
VON DREELE, R. B., High Pressure Neutron Powder Diffraction at LANSCE, <i>High Pressure Research</i> 14, 13-19 (1995)	1995	Journal Article	HIPD	2	Materials
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